

HOST OF THE NEAT FAIR



Silents Please

Dedicated to the Advancement of Electric Flight

September 2009

President:

Tom Hunt
(631) 835-5359
tomhunt@optonline.net

Vice President:

Jim Reid

Secretary:

Alan Ford

Treasurer:

Rick Cascella

Newsletter Editor:

Jim Perlowsky
jimp.sefli@yahoo.com

SEFLI Main Website:

www.sefli.org

SEFLI Newsletter:

<http://www.sefli.org/news.php>

SEFLI Current Events:

<http://www.sefli.org/current.php>

SEFLI Web Forum:

<http://sefli.proboards11.com>

NEAT FAIR:

www.neatfair.org

For changes in the monthly meeting or contest dates due to weather/conflicts contact Tom Hunt at the above phone or e-mail.

Prez Sez by *Tom Hunt*

Dear SEFLI'ers,

It is a rare event that the September general meeting is held **before** the NEAT Fair, but that is the case this year as the first day in September is a Tuesday. The meeting is on the 15th and the NEAT Fair starts the 17th. This poses just a small problem for SEFLI members, in that we cannot "debrief" immediately after the show in the normal fashion. I therefore am going to ask all that attend; keep physical or mental notes on the good and the bad and email them to me ASAP after your return. Surely I will see some of you the next weekend at the flying field, weather permitting.

The show promises to be very well attended despite the soft economy. We have well over 200 pre-registered pilots and 35+ vendors. The lunchtime demo schedule is pleasantly over-filled. The Friday night dinner may reach 100 by the time we leave for the restaurant.

In other news, we have applied for the Samoset Middle School indoor site again this year for the 2nd Sunday of October through March. Time we will apply for is 1:00pm-4:00pm. The second Sunday in February unfortunately is Valentine's Day. We have asked to be moved to either the first Sunday or the third Sunday of that month (the fourth Sunday in February should be the WRAM Show). I will post the schedule in these pages and on the website when we confirmation from Sachem.

See you all at the field or at the meeting!

Prez Tom



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Watts Up?



2009 NEAT Fair Schedule

Thursday 9/17

Set-up day.

Flying off casual Freq board as soon as board and pilot stations are erected.

Friday 9/18

First Light-9:00am:

Flying on casual Freq board.

Note:

No flying of "noisy" pusher prop aircraft or ducted fans until 8:00am

9:00am-Noon:

Flying on impound Tx control.

Noon-1:15pm:

Lunchtime demos, no sport flying allowed.

1:15pm-4:45pm:

Flying on impound Tx control.

4:00pm:

Friday General Raffle drawing and Ladies Raffle.

4:45pm-5:00pm:

Small Warbird Mass Launch.

5:00pm-9:00pm:

Flying on casual Freq board.

Note:

No flying of "noisy" pusher prop aircraft or ducted fans after 9:00pm

7:00pm-whenever:

Dinner at the Rockland House.

9:00pm-whenever:

Flying on casual Freq board.

Saturday 9/19

First light-9:00am:

Flying on casual Freq board.

Note:

No flying of "noisy" pusher prop aircraft or ducted fans until 8:00am

9:00am-Noon:

Flying on impound Tx control.

Noon-1:15pm:

Lunchtime demos, no sport flying allowed.

1:15pm-4:45pm:

Flying on impound Tx control.

4:00pm:

Junior Raffle, Most Impressive Junior Award, Saturday General Raffle, Ladies Raffle

4:45pm-5:00pm

Small Warbird Mass Launch.

5:00pm-8:00pm

Flying on casual Freq board.

8:00pm-whenever:

Slow Fly Contest.

8:00pm-whenever:

Flying on casual board for those pilots with frequencies not being used by the Slow Fly Contest.

Note:

No flying of "noisy" pusher prop aircraft or ducted fans after 9:00pm

Sunday 9/20

First light-9:00am:

Flying on casual Freq board.

Note:

No flying of "noisy" pusher prop aircraft or ducted fans until 8:00am.

9:00am:

Flying on impound Tx control.

Noon-1:15pm:

Lunchtime demos, no sport flying allowed.

1:15pm-whenever:

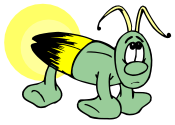
Flying on casual Freq board until it needs to be stowed away (3:00pm-4:00pm?).

1:15pm:

Sunday General Raffle, Ladies Raffle.

1:30pm:

Presentation of the Biggest Model, Best Sport Model, Best Non-Military Scale Model, Best Military Scale Model awards.

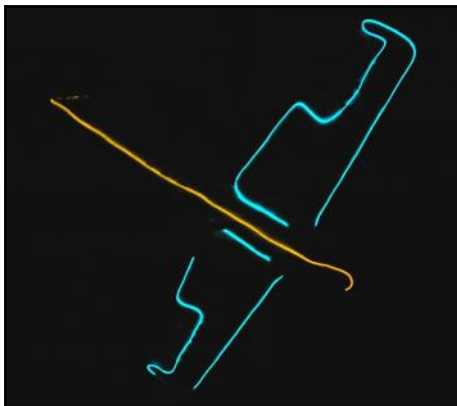


August Night Fly

Photos by Ray Juschkus and Jim Perlowsky



August Night Fly



August Contest Results



SPORT ELECTRIC SAILPLANE

JUSCHKUS	1782
ROWSOM	1384
REID	1085

SLOW STICK COMBAT

ERBE	190
HUNT	155
DOWLING	100
REID	50
BRADSEMA	10

EASY STAR Tape Cut

HIRT	80
ERBE	45
HUNT	10
GRAF	10
REID	0
JUSCHKUS	0

Cumulative Points after August Contests

SPORT ELECTRIC SAILPLANE

Juschkus	15
Rowsom	8
Reid	6
Carpenter	3
Hunt	2

SLOW STICK COMBAT

Hunt	27
Erbe	20
Dowling	17
Reid	15
Perlowsky	9
Brandsema	8
Salvator	5
Cabana	3
Capobianco	1

EASY STAR

Erbe	20
Hunt	16
Juschkus	15
Perlowsky	8
Reid	8
Carpenter	6
Graf	4
Salvator	2

Show and Tell

Photos by Tommy Dowling



Ron Bergman shows off his Tom Hunt design (and originally built) ModelAir-Tech Dimwatt. 34 inch wing span, 23 inch length, 21 ounces RTF. Ron repaired the nose after a crash with Chinese chopsticks and light ply. Old school power is provided by a Graupner Speed 400 spinning a 6030 Scimitar folding prop off an eight cell 1100 NiMH pack via an ElectriFly C20 ESC.

Rick Cascella shows his 3dhobby-shop.com VYPER 3D hybrid 3D/pattern plane. Does both very well! Turnigy motor (still working well!) E-flite 40 amp ESC, Hitec HS-65/HS-65mg servos, Spektrum receiver.

Power system pulls about 37 amps on 4s Rhino pack to making over 500 watts. 8 to 10 minutes flights of mixed flying.



Prez Tom discusses the final touches put on his rebuilt KMP BF-110. Model flight report is elsewhere in this issue.

An Unfortunate Rebuild (Part 4) by Tom Hunt

Rebuild of the KMP BF-110 finished in time to get a couple of test flights before August ended. With the painting and decals complete, the final adjustments to the control surfaces and checking the final CG with all the batteries on board was done. The model approaches 25 lbs ready to fly, only to be a few ounces heavier than the original.

It was a dark, foggy morning in late August for the test flight of the black night fighter. The ceiling was only 400ft. The weather was supposed to improve slowly throughout the morning. Ray Juschkus met me at the Calverton Field just before 9:00am. The decision was made to fly the model once in the low light conditions, keep it close and then later in the morning, when the sun came out, to get better pictures. The later never happened. I flew the model in dreary conditions for both flights, though it was somewhat brighter on the second.



The BF-110 accelerated quickly raising the tail in only a few feet of roll-out. I let it fly-off on its own, tucked the gear and climbed up to just under the overcast. Keeping the model relatively close I noticed that it did need a few clicks of nose-down trim, but that was all. The new smaller (scale size) vertical tails, did exhibit a slightly weaker yaw dampening than the original (tail wag) during climb-out with over aggressive rudder input, but once cruise speed was obtained, this unwanted motion disappeared and the model flew very smooth. The new (Frise) ailerons work much better than the original center hinge of the ARF. There is no need to add rudder in the turns. This truly is a feet-on-the-floor aircraft in up and away flight. Significant rudder input is still required on take-off though to counteract P-effect from the co-rotating props.

ESC's and batteries. The model was set-up on a long base and final leg. The flaps were deployed to full throw (about 55°) on the downwind leg and the model began to "float" but no pitch trim was required. The nose was dropped and the power retarded in the turn onto final. The model settled onto the grass in a near-perfect three-pointer. Inspection of the batteries and ESC immediately after the flight showed them to be only warm to the touch.

The second flight was flown in only slightly better weather conditions. The flight time was extended to nearly 6 minutes. When I charged the batteries at home I found that I had not even taken half the rated capacity (5000mAh) out of the pack. Ray got some great shots in the poor light condition. Visualization of the model only gets difficult in a true side view. It is difficult to see which way it may be banked. Once the model banks more than about 10°, it is obvious whether the model is banked away (yellow underside of cowls exposed) or banked towards me (no yellow), even at great distances on a gray day.

The rebuild was well worth the effort. Now with a little help from Gil Carpenter, the model should find its way to the NEAT Fair.





SEFLI SCHEDULE OF EVENTS

- Sept 15 General Club Meeting @ Holtsville
- Sept 18-20 [NEAT Fair](#)
- Oct 11 [Whitman Float Fly @ Lake Ronkonkoma](#)
- Oct 16-18 [KIEF Indoor Electric Fly](#)
- Oct 20 General Club Meeting @ Holtsville
- Oct 24 Contest Flying @ Calverton

Yes that's a 14 foot Easy Star. An RC Groups member got some foam from a local surfboard company and decided to have some fun. I wonder how he's going to launch it? The RC Groups thread with more information is here:

<http://www.rcgroups.com/forums/showthread.php?t=1088709>



Silents Please
Jim Perlowsky, Newsletter Editor
41 Buhl Lane
East Northport, NY 11731